

Products and Services

Fresh floors for Finnish food store



Permaban's product range offers solutions for 'leave-in-place' joint systems, dry-shake floor toppings and concrete curing. Permaban's partner for Finland, Martti Matsinen, Managing Director of PiiMat Oy explains the installation of one such system, Permaban's AlphaJoint system, in a food warehouse in Vantaa, Finland.

The Kesko food warehouse was extended in September 2009 by building a 4000m² floor for its Fresh Goods Stock area. The customer and flooring contractor had specific requirements for the warehouse floor extension, which were high durability, low maintenance and to include a formwork system providing joint arris protection and load transfer. In addition, it had to be hygienic as it will be a stock area for fresh goods and wear resistant to be able to cope with constant heavy fork-lift truck traffic.

The original design of a 210mm thick slab with traditional reinforcement was redesigned by PiiMat, working closely with the design engineers, to reduce the thickness to 190mm and as a jointless floor. This was achieved using Permaban's AlphaJoint GD8 180mm leave-in-place formwork which provided armoured joint protection of 10mm at the joint arris and load transfer to support the movement of loads by fork lift from the existing to new warehouse slab.

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Analysis specialist joins environmental website

The specialist environmental testing services of Exova, are now available to members of web site Earth Exchange[®], following the company joining as one of the first Associate Members.

The website allows the UK construction industry to create an on-line market of soils, aggregates and other materials for reuse and recycling. It uses a time based map system on which users can enter their current and future construction projects and indicate what and how much materials they have surplus or need. The website automatically identifies where other construction sites are or will be, who is operating there, what and when surplus materials are available and, additionally, which sites have a deficit in such materials. This allows the user the opportunity to match his site with local sites which have surplus/deficit of materials.

Exova has extensive experience in the analysis of soils to determine the levels of nutrients or contamination and can assist in advice on sampling regimes or test methods.

Further information: Earth Exchange (web: www.earthexchange.com).